

NOAA Fisheries Southeast Fisheries Science Center
 Shrimp Trawl Observer Program, January - June 2016 Sea Turtle Interactions

Interaction	1	2	3	4	5
Gear Type	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl
Species	Green	Green	Loggerhead	Loggerhead	Loggerhead
Method of Capture	Try Net	Try Net	Try Net	Try Net	Try Net
Condition at Time of Capture	Alive, Responsive	Alive, Responsive	Alive, Responsive	Unresponsive	Alive, Responsive
External Injuries	None	None	None	None	None
Month	1	1	1	1	1
Day	20	22	24	27	29
Year	16	16	16	16	16
Depth	39.2	82	62.2	139.2	147
State	FL	LA	FL	MS	MS
Lat (deg)	30	28	29	29	29
Lat (min)	38	57	2	34	32
Long (deg)	81	89	80	88	88
Long (min)	22	15	51	27	23
Condition at Time of Release	Alive, Responsive	Alive, Responsive	Alive, Responsive	Alive, Responsive	Alive, Responsive
CCL (cm)	28.9	77.3	67.8	86.2	99
CCW (cm)	25.6	65	60.9	80	83.3
SCL (cm)	27.1	68.6	64.2	83.8	84.7
SCW (cm)	22.5	52.8	48.2	64	61.5
SCLn-n (cm)	26.7	67.4	62.7	82.4	80

CCL - curved carapace length; measured with a flexible measuring tape
 CCW - curved carapace width; measured with a flexible measuring tape
 SCL - maximum straight carapace length; measured with calipers
 SCW - straight carapace width; measured with calipers
 SCLn-n - straight carapace length notch to notch; measured with calipers

Unknown - turtle was not brought on board, escaped gear, or was released before observer was able to assess condition or injury status

Previous - indicates that the external injury occurred prior to the interaction based on evidence of healing

Definitions of terms used in this table can be found in the SEFSC Sea Turtle Observer Manual:
http://www.sefsc.noaa.gov/turtles/TM_589_Belskis_et.al_STLHF.pdf

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6	7	8	9	10	11
Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl
Unknown	Loggerhead	Kemp's Ridley	Loggerhead	Kemp's Ridley	Unidentified Ha
Try Net	Try Net	TED Net	Try Net	Try Net	Try Net
Unknown	Alive, Responsive	Unresponsive	Alive, Responsive	Alive, Responsive	Alive, Responsive
None	None	None	None	None	None
2	2	3	3	4	4
2	2	2	6	18	19
16	16	16	16	16	16
96.4	110	84	48	65	50
FL	AL	LA	FL	MS	MS
25	29	29	26	29	29
3	49	3	10	59	50
82	88	89	82	88	88
23	17	56	7	36	42
Unknown	Alive, Responsive	Dead	Alive, Responsive	Alive, Responsive	Alive, Responsive
n/a	93.4	22.5	74.9	65.1	n/a
n/a	87.2	23.2	71.1	66.2	n/a
n/a	82.3	21.6	67.8	61	n/a
n/a	64.8	19.4	54.6	59.7	n/a
n/a	81.3	22	66.8	60.6	n/a

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12	13	14	15	16	17
Otter Trawl	Skimmer	Skimmer	Otter Trawl	Skimmer	Otter Trawl
Kemp's Ridley	Kemp's Ridley	Kemp's Ridley	Green	Loggerhead	Kemp's Ridley
Try Net	Standard Net	Standard Net	Try Net	Standard Net	TED Net
Alive, Responsive	Alive, Responsive	Alive, Responsive	Alive, Responsive	Alive, Responsive	Unresponsive
None	None	None	None	None	None
5	5	5	6	6	6
8	14	15	5	16	22
16	16	16	16	16	16
77.4	10.8	9.6	31.1	11	24
LA	LA	LA	LA	LA	LA
28	29	29	29	29	28
52	10	10	0	6	56
90	91	91	90	90	89
10	0	1	34	19	22
Alive, Responsive	Alive, Responsive	Alive, Responsive	Alive, Responsive	Alive, Responsive	Alive, Responsive
64.8	21.3	25	16.7	25.7	24.4
66.7	22.9	24.4	14.9	25.1	24.9
61.5	21	22.8	16.5	23.5	22.8
60.8	19.7	20.9	13.1	20.8	20.7
60.4	20.9	22.9	16.2	23.3	22.6

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